



Do's & Don'ts While Using AAC Blocks

❖ Level

The level from the base to the top layer should be properly horizontal.

There should not be any gap between the joints of **AAC Blocks**.

❖ Bottom layer perfectly layered

The bottom layer of **AAC Block** should be perfectly layered so that no gaps should come in between or the block should not crack.

❖ Centre of Blocks

The blocks should be properly constructed as the overlapping should be done with the center of each **AAC Block**.

❖ Corners need to be made first using overlapping technique.

❖ Use of chicken mesh while plastering at proper places.

❖ Coping/Lintel

The coping and lintel should be placed after every 5-6 layer of **AAC Blocks**.



1. Storage & Stacking of AAC Blocks.

on dry and even surface
to avoid damaged
and contact
with moisture



on uneven and
wet surface



2. Mortar for Masonry

Mortar mix 1:6
(Cement : Sand)

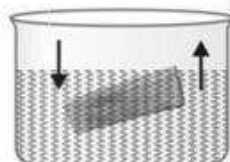


Rich mortar mix
1:4 (Cement : Sand)
will shrink so it leaves
bond with block.

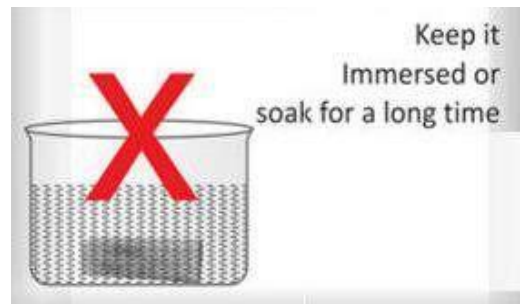


3. Wetting of AAC Block Before Application

Dip in water &
lift immediately



Keep it
Immersed or
soak for a long time





4. **Mortar Thickness**

Keep it limit to
10 to 12 mm

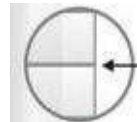
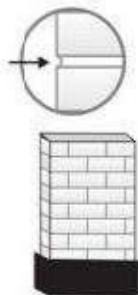


Keep it more
than 12 mm



5. **Mortar Joints**

Recessed joint
recommended for
effective plaster
bonding with
masonry



Keep flush
Surface

6. **Coping Beam**

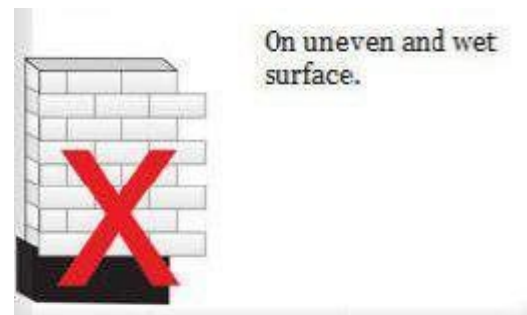
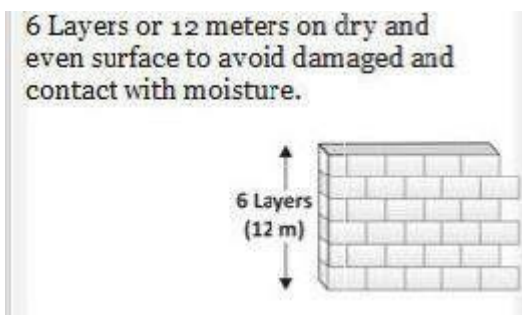
Coping beam with 2 nos
8 mm reinforcement
after 1.2 mts height



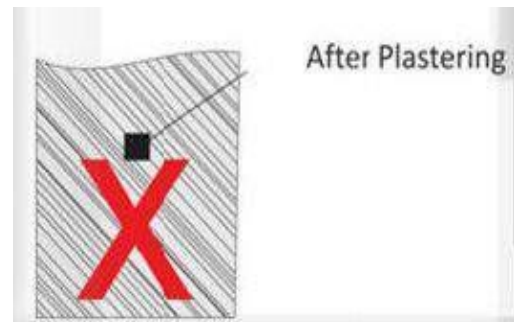
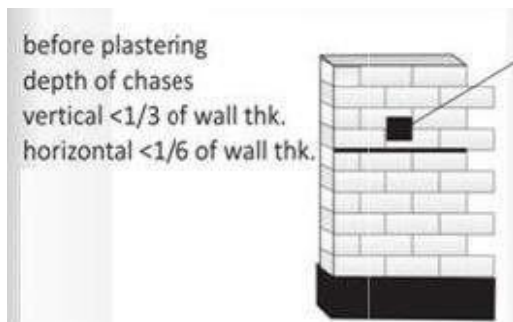
Wall without
coping beam



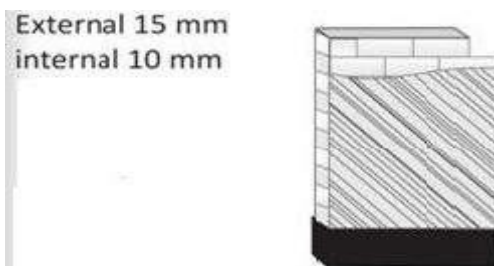
7. **Maximum Height of Wall Built in a Day From AAC Blocks.**



8. **Electrical & Sanitary Chases**

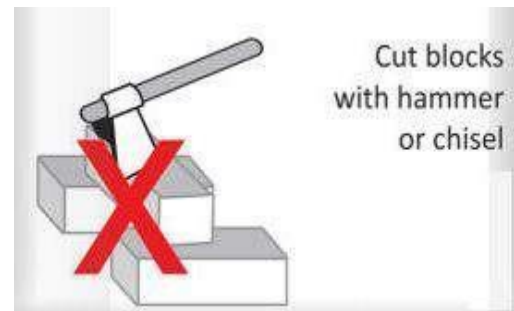
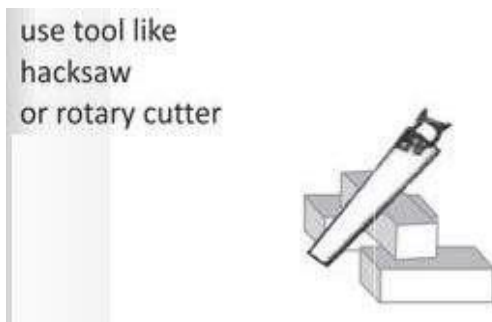


9. **Plastering Thickness**

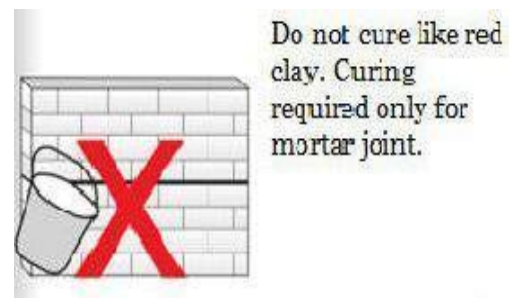
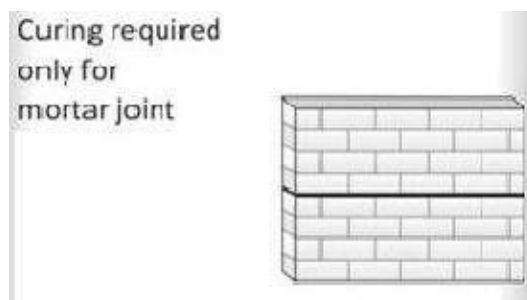




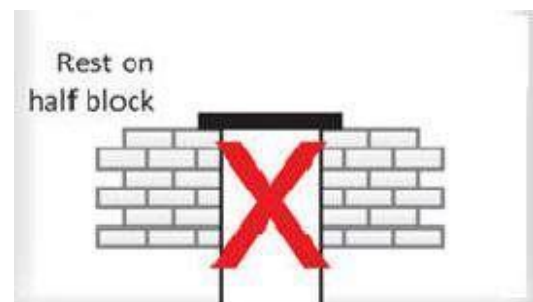
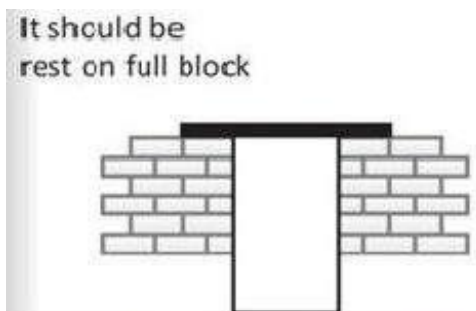
10. **AAC Block Cutting**



11. **Curing of Masonry Wall**



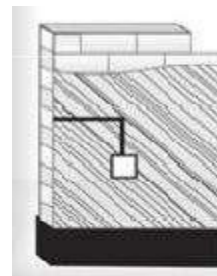
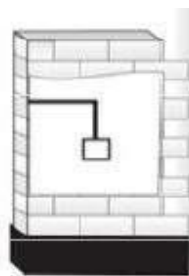
12. **Lintel**





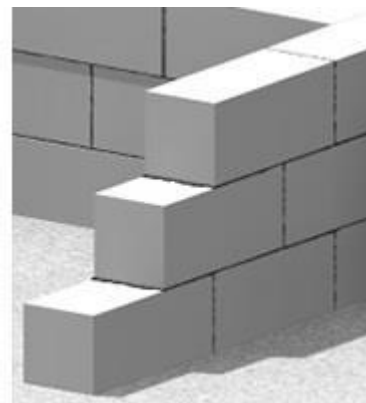
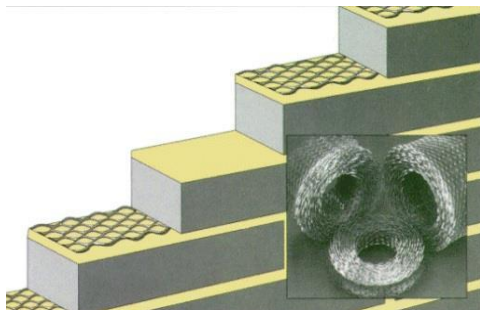
13. **Chases Area with AAC Blocks**

Filled with compact mortar & apply wire mesh on it.



Plaster without wire mesh on chases area

14. **Use wire mesh on each alternate layers of block. This is a bonding joint.**



15. **Use wire mesh on the junctures of beams, columns and lintels**





16. Use 1(cement):6(sand):2(10mmchips) and 8mm 2TMT bars for lintel/Coping. Use the mortar combination also to fill the gaps upto 50mm from the top of the beam.

